

**JP10324783A 19981208 COMPOSITION FOR FLAME RESISTANT INSULATION**

**COVER Assignee/Applicant:** NIPPON UNICAR CO LTD **Inventor(s)** : HAYASHI AKIO ;  
HOTTA KATSUHIRO **Priority (No,Kind,Date)** : JP13340297 A 19970523 X

**Application(No,Kind,Date):** JP13340297 A 19970523 **IPC:** 6C 08L 23/08 A **Language of Document:** NotAvailable **Abstract:**

**PROBLEM TO BE SOLVED:** To obtain a composition capable of improving a fluid characteristics at the time of fabrication, excellent in flame resistance, mechanical characteristics, electric characteristics and surface characteristics, and suitable as a molding material for a flame resistant insulation cover (e.g. an insulator cover and a cover for protecting a high-voltage cable).

**SOLUTION:** This composition for a flame resistant insulation cover comprises 100 pts.wt. ethylene- $\alpha$ -olefin copolymer having 0.1-10 g/10 min melt index, 0.870-0.930 g/cm<sup>3</sup> density and produced by using a single site catalyst, 10- 50 pts.wt. metal hydroxide [e.g. Mg(OH) 2], 10-50 pts. wt. organic halogen-based flame retardant [e.g. 1,2-bis(pentabromophenyl)ethane], 1-20 pts.wt. antimony based flame retardant (e.g. Sb<sub>2</sub>O<sub>3</sub>), 0.5-5 pts.wt. phosphorus-based plasticizer (e.g. trioctylphosphate) and 0.01-1 pts.wt. fluororesin (e.g. polytetrafluoroethylene). Further, the composition can contain an agent for imparting weather resistance, or a lubricant.

**Legal Status:** There is no Legal Status information available for this patent